



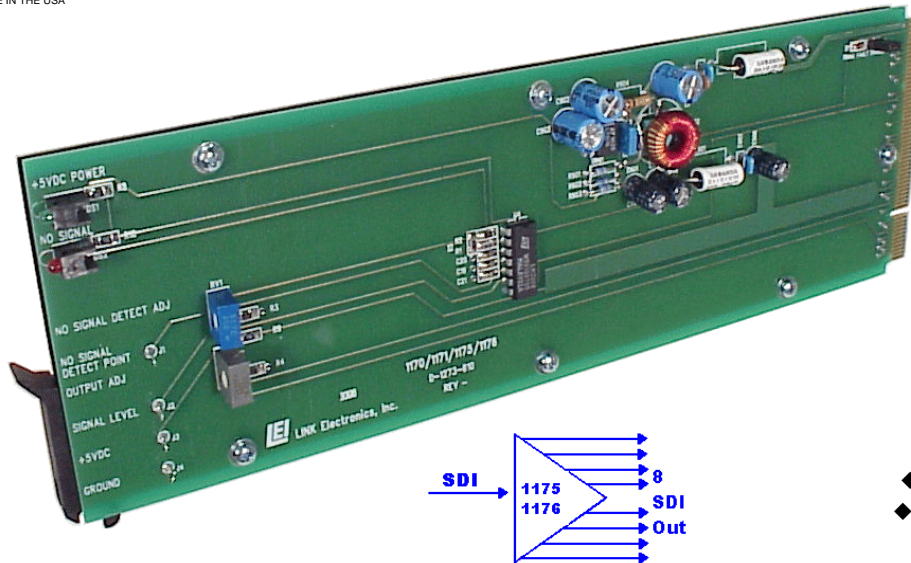
LINK ELECTRONICS, INC.

SERIAL DIGITAL DISTRIBUTION AMPLIFIER 1 X 8

DigiFlex 1175/1176



MADE IN THE USA



FEATURES

- ◆ Serial Digital Input
- ◆ Eight Serial Outputs
 - ◆ Fault Indication
 - ◆ Re-Shaped
- ◆ Equalized and reclocked
- ◆ Composite & Component

Mounting Frame Options

- 1000 - Single Power Supply, Holds 11 Modules
- 1000/2 - Dual Power Supply, Holds 10 Modules
- 7200 - Mounting Frame, Holds 1 Module

The LINK 1175/1176 DigiFlex serial distribution amplifier restores the incoming signal to its proper amplitude. The signal is reshaped with automatic equalization, re-slicing and DC restoration. The 1175 and 1176 re-clock the input signal for distribution over longer distance cables, up to 500 feet. Eight outputs are provided on a removable rear cell. A module fault LED on the front edge of the module indicates a weak signal or no input signal present. The sensitivity of the LED indicator may be adjusted to suit the users needs.

A module fault LED indicator on the rear cell shows the presence of an input signal. A rear I/O module must be selected for the specific front signal module. The signal module and rear I/O module with the flexibility of the frame place virtually no limits on the versatility of the DigiFlex 1000 system.

The 1175 and 1176 input signal is composite 143Mb/s or component 270Mb/s standards. The module has two LED's that show power supply status and signal present. **The 1176 output level can be user adjusted between 600mV and 1100 mV. The 1175 has a fixed output level of 800mV.**

The 1000 series DigiFlex modules are compact designs that allow eleven modules to mount in the 1000 frame and ten modules with a redundant power supply. Any 1000 series module will operate in the 1000 frame in any configuration, audio or video, digital/analog, generators or test modules.

Backed by Link's 10-year warranty, the 1175/1176 will provide years of outstanding performance.

DIGIFLEX 1175/1176 SERIAL DIGITAL DISTRIBUTION AMPLIFIER

Serial Digital Video Input:

Standards:

Composite: 143Mb/s, SMPTE 259M-A
Component: 270Mb/s, SMPTE 259-C
Component: 360Mb/s, Optional
Impedance: 75Ω
Return Loss: >20dB
Signal Level 800mV±1%
CMR: 30Vp-p, up to 60Hz
Connectors: BNC
Equalization: Automatic up to >30dB

Serial Video Outputs:

Number of Outputs: 8
Standards: Same as input
Connectors: BNC
Impedance: 75Ω
Return Loss: >20dB
Signal Level: 800mV ±10%
Output Level Adj.: 600mV to 1100mV (1176 only)
DC Offset: 0V±0.5V
Rise & Fall Time: 1nS ±250ps
Overshoot: <10% of Amplitude
Through Delay: 6nS
Input Cable Length, Max.: 500Ft.

Front Controls & Indicators:

Power: Green LED
No Signal: Red LED
No Signal Detect Adj: Potentiometer
Detect Point: Test Point
+5VDC: Test Point
Ground: Test Point

ENVIRONMENTAL:

Temperature: 0° to 50°C Ambient
Humidity: 10% to 90% non-condensing
Power: 3 Watts

MECHANICAL:

Height: 3.2 Inch
Width: 1.0 Inch
Depth: 10 Inch
Weight: 7.25 Oz

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PROFESSIONAL SERIES--

modular system products--by LINK

1175/042503



REARCELL 1075